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GROUP 110

11X

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DateTELECOPY - URGENT  
HAND DELIVERTO: Examiner Dennis AlbrechtTELECOPY #: 703/557-9564FIRM: U.S. P.T.O. - Art Unit 115LOCATION: Washington, DC  
City/StateNo. of Pages Including Cover Letter: 14

SPECIAL INSTRUCTIONS: \_\_\_\_\_

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\_\_\_\_\_FROM: James B. GambrellIF YOU DO NOT RECEIVE ALL PAGES OR ARE HAVING TROUBLE, PLEASE CALL  
IMMEDIATELY (713) 850-0909 AND ASK FOR Mary Jo

April 17, 1989

FORM PTO-1083

Case Docket No. **RECEIVED** 689040USIn re application of  
Serial No. CHING-WU CHU  
300,063

69 DEC 11 PM 4:49

Filed: January 23, 1989

GROUP 110

For: HIGH TRANSITION TEMPERATURE SUPERCONDUCTING COMPOSITIONS

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

☒ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.☐ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	11	MINUS	20	= 0	x6 =	\$ 0		x12 =	\$
INDEP.	7	MINUS	6	= 1	x18 =	\$ 18		x36 =	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					x60 =	\$ 0		+120 =	\$
					TOTAL	\$ 18	OR TOTAL	\$	

\*If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

☒ Please charge my Deposit Account No. 16-2435 in the amount of \$ 18.00. A duplicate copy of this sheet is attached.☐ A check in the amount of \$ \_\_\_\_\_ is attached.☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-2435. A duplicate copy of this sheet is attached.☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

*Charles M. Cox*

Registration No. 29,057

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: CHING-WU CHU

Serial No.: 300,063

Filed: January 23, 1989

Group/Art Unit: 115

For: HIGH TRANSITION TEMPERATURE  
SUPERCONDUCTING COMPOSITIONS

Examiner: Dennis Albrecht

THIRD PRELIMINARY AMENDMENTCommissioner of Patents  
and Trademarks  
Washington, D.C. 20231

via FAX -- 703/557-9564

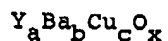
Dear Sir:

Pursuant to repeated telephone requests by the Examiner to add a claim in independent form to this application, and in view of the remarks which follow, please amend the above identified application as follows:

IN THE CLAIMS

Please add claim 27 as follows:

27. A superconducting composition exhibiting zero electrical resistance at a temperature of 77°K or above having the nominal formula



wherein "a" is about 1.2, "b" is about 0.8, "c" is about 1.0, and "x" is about 2 to 4.

REMARKS

While this Third Preliminary Amendment is filed to comply with the Examiner's oral instructions on adding a claim for the purpose of setting up an interference, it is urgently requested that the Examiner review the following